

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

Claims 1-8 (Canceled).

9. (New) A radio base station apparatus comprising:  
a reception weight calculator that performs a weight calculation to determine a plurality of reception weights;  
an adaptive array antenna receiver that performs an adaptive array antenna reception of signals from a plurality of communication terminals using a plurality of directional patterns formed based on the plurality of reception weights; and  
a path searcher that combines power addition values respectively corresponding to the plurality of directional patterns of the signals received by the adaptive array antenna reception to determine a power combination value, creates a delay profile based on the power combination value, and performs a finger assignment using the delay profile to output a despreading timing used in the weight calculation for the adaptive array antenna reception.

10. (New) A radio base station apparatus comprising:

a reception weight calculator that divides a plurality of communication terminals into a plurality of groups and performs a weight calculation to determine a plurality of reception weights respectively corresponding to the plurality of groups;

an adaptive array antenna receiver that performs an adaptive array antenna reception of signals from the plurality of communication terminals using a plurality of directional patterns respectively corresponding to the plurality of groups formed based on the plurality of reception weights; and

a path searcher that combines power addition values respectively corresponding to the plurality of directional patterns of the signals received by the adaptive array antenna reception to determine a power combination value, creates a delay profile based on the power combination value, and performs a finger assignment using the delay profile to output a despreading timing used in the weight calculation for the adaptive array antenna reception.

11. (New) The radio base station apparatus according to claim 9, further comprising a threshold value decider that makes a threshold value decision on the power addition values, wherein the path searcher determines the power combination value from the power addition values after the threshold value decision.

12. (New) The radio base station apparatus according to claim 9, wherein the path searcher performs a following finger assignment using signals received by the adaptive array antenna reception with the plurality of reception weights respectively corresponding to the plurality of groups determined at the despreading timing.

13. (New) A radio communication method comprising the steps of:

dividing a plurality of communication terminals into a plurality of groups and performing a weight calculation to determine a plurality of reception weights respectively corresponding to the plurality of groups;

performing an adaptive array antenna reception of signals from the plurality of communication terminals using a plurality of directional patterns respectively corresponding to the plurality of groups formed based on the plurality of reception weights; and

combining power addition values respectively corresponding to the plurality of directional patterns of the signals received by the adaptive array antenna reception to determine a power combination value, creating a delay profile based on the power combination value, and performing a finger assignment using the

delay profile to output a despread timing used in the weight calculation for the adaptive array antenna reception.